

ABSTRACT

The invention concerns routing of data packets in a header-compressed domain. According to the method described, routing a data packet with a compressed header section and an uncompressed payload section comprises steps of receiving the data packet at an ingress interface, routing the data packet to an egress interface, and forwarding the data packet to the egress interface. According to this method, the compressed header section remains unchanged between the ingress interface and the egress interface. Various implementations of this method are described, including the use of the header compression context identifier (HCCID) by for routing the packets to the correct egress interface. Accordingly, a decompressor and a router (22) are also disclosed.